

1. Present a CRUD (Create-Read-Update-Delete) analysis for the buyer domain class. For each of the four CRUD aspects, present at least one use case related to the buyer domain class. (You can make reasonable assumptions.)

- The CRUD analysis table for the buyer domain class is shown below

Domain Class	CRUD	Use Case
Buyer (or John account)	Create	Create account for John the buyer.
	Read	Look for purchase and selling price of previous copies. Report on price based on purchase and selling price of previous copies.
	Update	Update John Account* Create New Sale** Send Error Message to Seller***
	Delete	Update John Account (to archive)

Assumptions:

* These use cases may not be explicitly mentioned in the narrative, but they should be stated here by reasonable assumptions.

** It is assumed that when the sale is finalized the buyer account is updated and the buyer is informed of the sale.

***According to the narrative if the purchase price cannot be found the account is updated and the seller is sent a message saying that the buyer will contact them.

2. Develop a System Sequence Diagram (SSD) which represents the communication between the seller and the web application when selling a book.

